

ABSTRACT

The invention relates to a method for treating all types of lithium anode cells and batteries by means of a hydrometallurgical process at room temperature. The treatment method enables cells and batteries comprising a metallic lithium-based anode or an anode containing lithium incorporated in an anodic insertion compound to be treated under safe conditions, thus enabling the metallic casings, electrode contacts, cathode metal oxides and lithium salts to be separated and recovered.